



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/543,142	03/30/2006	Othmar Gaidosch	23344	4103
535 7590 11/01/2007 K.F. ROSS P.C. 5683 RIVERDALE AVENUE SUITE 203 BOX 900 BRONX, NY 10471-0900			EXAMINER VU, HIEN D	
			ART UNIT 2833	PAPER NUMBER
			MAIL DATE 11/01/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/543,142

Applicant(s)

GAIDOSCH, OTHMAR

Examiner

Hien D. Vu

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 2-10 are objected to because in claim 10, line 4, the features "a tubular and at least partially metallic casing" are unclear as to what they are referring to; claim 4, line 3, "the at least two press-fit arms" lacks an antecedent basis; claim 9 features are unclear as to how the contact could connect with the contacting element, also "the contacts" lack an antecedent basis.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 2-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Frantz et al (4960388) in view of Nattel et al (6034325).

As to claim 10, insofar as the claim can be understood, Frantz, Figs. 1-8 show a plug or socket 12 connectable to a cable C having at least one conductor W and a shielding BS, the plug or socket being formed of several subassemblies and comprising: a tubular 74 and at least partially metallic casing 76; an electrically insulating holder 94 fitted in the casing; a contact 60 in the holder and having a press-fit connection 66 secured to the conductor; and a contacting element 93 from the casing. Frantz does not show the contacting element being separate from the casing and forming in the casing an electrical connection between the casing and the shielding. Nattel, Figs. 1-3 show a contacting element 60 being separate from a casing 20, 40 and forming in the casing an electrical

connection between the casing and a shielding 104. It would have been obvious to one with skill in the art to modify the connector of Frantz by replacing the contacting element on the casing with a contacting element 93 being separate from the casing and forming in the casing an electrical connection between the casing and the shielding, as taught by Nattel, in order to achieve the desired location of the contact element.

As to claim 2, Frantz shows the shielding of the cable being a shield braid and the contacting element formed as an iris spring.

As to claim 3, Frantz shows the shielding of the cable being at least one of several conductors W.

As to claim 4, to form the press-fit arms of Frantz to be curved and/or polygonal cross section would have been obvious of choice, such change is old and well known in the art.

As to claim 5, Frantz shows the press-fit arms being fixable at least partially in one wire holder of a part of one of subassemblies.

As to claim 6, Frantz shows the arms formed conductor seats taper on one side at a deflecting surface to a cross section such that an end of the conductor is poked between the press-fit arms.

As to claim 7, Frantz shows the press-fit arms extend generally axially of the socket or plug.

As to claim 8, Frantz shows the wire holder having several conductor seats some of the conductor seats being distributed symmetrically around a

central conductor seat or around a longitudinal axis of the plug or socket, each conductor seat holding a contact.

As to claim 9, insofar as the claim can be understood, to form one or several of the contacts connected with the contacting element would have been obvious of choice, in order to achieve the desired connection.

4. Applicant's arguments with respect to claims 2-10 have been considered but are moot in view of the new ground(s) of rejection.


5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

6. Any inquiry concerning this communication should be directed to Hien D. Vu at telephone number 571-272-2016.

Application/Control Number:
10/543,142
Art Unit: 2833

Page 5

A handwritten signature in black ink, appearing to read "Hien Vu".

HV

10/26/07

HIEN VU
PRIMARY EXAMINER